

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/000144

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B-007/005 H03F-001/32 H03G-001/04

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B-007/005 H03F-001/32 H03G-001/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms

Questel Pluspat Delphion IEEE Xplore Canadian National Database
Keywords: (amplifier - predistortion - table - linear)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
X	US 5903611 (Schnabl et al.) 11 May, 1999 (11-05-1999) Abstract; Figure 1; Column 1, lines 19-66; Column 2, lines 6-22; Column 4, lines 1-27; Column 5, lines 31-45	1, 2, 4-8, 10
X	US 2004/0017257 (Kim) 29 Jan, 2004 (29-01-2004) Abstract; Figures 1, 6; Paragraphs [0007], [0008], [0016], [0029], Paragraphs [0031]-[0036], [0062]-[0065]	1-8, 10
P, X	US 2004/0179629 (Song et al.) 16 Sep, 2004 (16-09-2004) Abstract; Figure 2; Paragraphs [0007], [0032], [0054]-[0057]	1-8, 10

☒ Further documents are listed in the continuation of

☒ See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

07 March 2005 (07-03-2005)

Date of mailing of the international search report

13 April 2005 (13-04-2005)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
A	US 6600792 (Antonio et al.) 29 July, 2003 (29-07-2003) *The Whole Document*	1-10
A	US 2002/0186783 (Opas et al.) 12 Dec, 2002 (12-12-2002) *The Whole Document*	1-10
A	US 5937011 (Carney et al.) 10 Aug, 1999 (10-08-1999) *The Whole Document*	1-10
A	EP 1249931 (Price) 16 Oct, 2002 (16-10-2002) *The Whole Document*	1-10
A	US 6304140 (Thron et al.) 16 Oct, 2001 (16-10-2001) *The Whole Document*	1-10
A	US 6275685 (Wessel et al.) 14 Aug, 2001 (14-08-2001) *The Whole Document*	1-10
A	Chen et al. : "Joint Polynomial and Look Up Table Power Amplifier Linearization Scheme" IEEE Vehicular Technology Conference, vol. 2 25 April 2003, pages 1345-1349 Section I - Introduction Section II - System Models	1-10
A	Muhonen et al. : "Adaptive Baseband Predistortion Techniques for Amplifier Linearization" Conference record of the Thirty-third Asilomar Conference on Signals, Systems & Computers vol. 2 October 1999, pages 888-892 Section I - Introduction Section II - Transmitter Configuration	1-10

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